

## **Nebraska Weather and Crops**



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**Agricultural Summary:** For the week ending July 8, 2007, another hot, dry week stressed dryland crops and pastures keeping irrigation running, according to USDA's National Agricultural Statistic Service, Nebraska Field Office. Wheat harvest advanced quickly in southern counties and is now only two days behind average. Producers were also able to make gains with their second cutting of alfalfa and oat harvest. Another dry week in the Panhandle, resulted in a further deterioration of moisture conditions. Over the last 45 days, the eastern third of the state has received 60 percent of their normal precipitation.

**Weather Summary:** Temperatures averaged 2 degrees above normal and ranged from highs over 100 degrees in the north and west to lows in the mid 50's. Only the Southwest and South Central Districts saw measurable precipitation which averaged a half inch.

Soil Moisture and Days Suitable For Fieldwork:

Nebraska, Week Ending July 8, 2007								
	This	Last	Last	Aver-				
	Week	Week	Year	age				
•	Percent							
Topsoil								
Very Short	12	10	30	26				
Short	34	25	39	33				
Adequate	52	63	31	40				
Surplus	2	2	0	1				
Subsoil								
Very Short	8	9	37	21				
Short	28	20	39	33				
Adequate	64	70	24	45				
Surplus	0	1	0	1				
Days Suitable	6.6	6.6	6.4	6.1				

**Field Crops Report:** Corn conditions rated 1 percent very poor, 2 poor, 17 fair, 55 good, and 25 excellent, well above last year's 61 percent good or excellent rating. Irrigated fields rated 90 percent good or excellent while dryland fields declined and rated 67, both above year ago levels. Corn silked was 27 percent, ahead of last year's 24 and 14 average.

Soybean conditions rated 0 percent very poor, 2 poor, 22 fair, 60 good, and 16 excellent, well above last year's 50 percent good or excellent condition. Soybeans blooming were 36 percent, behind last year's 47 but ahead of the 31 average. Soybeans setting pods was 3 percent, near last year and average.

Wheat conditions rated 4 percent very poor, 13 poor, 27 fair, 44 good, and 12 excellent. Wheat ripe was 78 percent, well behind last year's 93 but ahead of the 74 average. Wheat harvested was 41 percent, behind last year's 76 and 49 average.

Alfalfa conditions rated 2 percent very poor, 7 poor, 31 fair, 47 good, and 13 excellent, well above last year's 36 percent

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good or excellent condition. Second cutting was 56 percent complete, behind last year's 72 but ahead of the 53 average.

Oat conditions rated 0 percent very poor, 3 poor, 27 fair, 64 good, and 6 excellent, well above last year's 24 percent good or excellent condition. Oats harvested was 16 percent, behind last year's 33 and 18 average.

Sorghum conditions rated 1 percent very poor, 2 poor, 20 fair, 66 good, and 11 excellent, well above last year's 53 percent good or excellent condition.

Dry bean conditions rated 0 percent very poor, 2 poor, 18 fair, 77 good, and 3 excellent, well ahead of last year's 53 percent good or excellent condition. Dry beans blooming were 14 percent, ahead of 7 last year and average.

Wild hay conditions rated 4 percent very poor, 2 poor, 20 fair, 63 good, and 11 excellent, well above last year's 19 percent good or excellent condition.

Crop Progress: Nebraska, Week Ending July 8, 2007

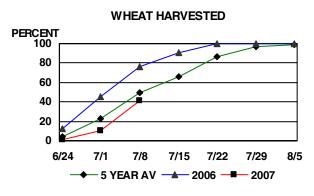
Crop	This	Last	Last	Aver-	
Сюр	Week	Week	Year	age	
	Percent				
Alfalfa 2 <sup>nd</sup> Cutting	56	25	72	53	
Corn Silked	27	3	24	14	
Dry Beans Blooming	14		7	7	
Oats Harvested	16	3	33	18	
Soybeans Blooming	36	16	47	31	
Soybeans Setting Pods	3		4	3	
Wheat Ripe	78	48	93	74	
Wheat Harvested	41	10	76	49	

Crop Condition: Nebraska, Week Ending July 8, 2007

Crop	Very Poor	Poor	Fair	Good	Excel- Lent
			Percent		
Alfalfa	2	7	31	47	13
Corn	1	2	17	55	25
Dry Beans	0	2	18	77	3
Oats	0	3	27	64	6
Sorghum	1	2	20	66	11
Soybeans	0	2	22	60	16
Wheat	4	13	27	44	12
Wild Hay	4	2	20	63	11

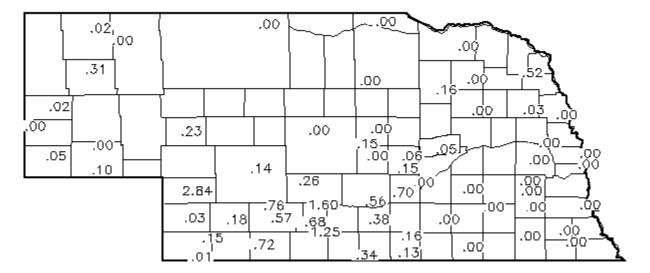
**Livestock, Pasture and Range Report:** Pasture and range conditions rated 5 percent very poor, 6 poor, 24 fair, 54 good, and 11 excellent, well above last year's 14 percent good or excellent condition.

This release is based on data from FSA county directors, county extension educators, NOAA, and the High Plains Regional Climate Center. County comments and reports can be found at: <a href="http://www.nass.usda.gov/Statistics">http://www.nass.usda.gov/Statistics</a> by State/Nebraska/Publications/Crop\_Progress\_&\_Condition/cmts\_cur.htm



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## Precipitation in Inches for Week Ending 8:00 a.m. July 8, 2007



Precipitation: By District, Nebraska, April 1 – July 8, 2007

Item	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.07	.00	.08	.13	.02	.56	.55	.00
Total since April 1	5.38	11.64	11.97	16.15	12.99	12.29	15.39	13.87
Normal since April 1	8.23	9.72	11.72	10.86	11.92	9.60	10.49	11.99
Total as % of normal	64%	120%	102%	149%	109%	126%	146%	115%

Temperature and Growing Degree Days: By Location, Nebraska,
Week Ending Sunday, July 8, 2007

	Week Ending Sunday, July 8, 2007									
	Station		Temperature				Growing Degree Days Since April 15			
Station		Extremes High Low		Average	Departure	Last Week	Current	Normal		
NW	Alliance	100	54	75	+3	151	1163	1110		
	Scottsbluff	103	56	78	+6	167	1282	1105		
	Sidney	99	56	76	+3	160	1149	1148		
NC	Ainsworth	97	60	77	+2	172	1275	1265		
	Arthur	96	55	74	-1	151	1146	1236		
	O'Neill	102	59	77	+2	171	1323	1286		
NE	Concord	95	61	78	+2	176	1427	1327		
	Elgin	99	61	79	+3	179	1363	1310		
	West Point	96	62	79	+2	181	1460	1389		
C	Grand Island	95	60	77	+2	176	1417	1289		
	Lexington	93	60	76	+1	168	1321	1266		
	Ord	98	58	77	+2	171	1357	1284		
EC	Central City	94	58	77	+1	176	1458	1315		
	Lincoln	98	64	81	+4	197	1580	1428		
	Mead	96	61	79	+1	183	1505	1426		
SW	Champion	96	57	76	+1	160	1241	1240		
	Dickens	95	58	75	0	160	1233	1251		
	McCook	96	56	76	+2	166	1406	1259		
SC	Minden	93	62	77	+1	173	1388	1274		
	Red Cloud	97	62	78	+2	177	1442	1304		
	Smithfield	93	60	75	0	167	1326	1268		
SE	Beatrice	95	61	79	+1	182	1487	1428		
	Clay Center	97	60	77	+1	170	1375	1303		
	Nemaha	96	64	80	+2	190	1634	1436		

Source: High Plains Regional Climate Center and Nebraska State Climate Office